

FAIRFAX COUNTY DEPARTMENT OF PUBLIC WORKS AND ENVIRONMENTAL SERVICES  
WASTEWATER PLANNING & MONITORING DIVISION

## FILM DEVELOPING QUESTIONNAIRE

THE INDUSTRIAL WASTE SECTION  
Noman M. Cole Jr. Pollution Control Plant  
9399 Richmond Highway  
P. O. Box 268  
Lorton, Virginia 22199

### SECTION A—BUSINESS INFORMATION

PLANS CONTROL NUMBER Q #	NAME OF BUSINESS
BUSINESS LOCATION Street _____ P.O. Box _____ City _____ State _____ Zip _____	
TYPE OF BUILDING (check all that apply) <input type="checkbox"/> Multilevel <input type="checkbox"/> Warehouse <input type="checkbox"/> Private office building <input type="checkbox"/> Doctors building <input type="checkbox"/> Shopping center <input type="checkbox"/> Other, specify: _____	
BUSINESS CONTACT (person in charge of the process) Name _____ Title _____ Phone No. _____	
EXECUTIVE OFFICER Name _____ Title _____ Phone No. _____	
BRIEF DESCRIPTION OF BUSINESS ACTIVITY:     	

### SECTION B—PROCESSOR INFORMATION

TYPE OF FILM PROCESSING (check all that apply) <input type="checkbox"/> Manual <input type="checkbox"/> Automatic machine Number of processors: _____	
AMOUNT OF FILM PROCESSED DURING A TYPICAL WEEK (estimate the amount if business operations have not started) Rolls _____ Negatives _____	
TYPE OF SILVER MANAGEMENT (check all that apply) <input type="checkbox"/> Removed by chemical supplier <input type="checkbox"/> Other, specify: _____	

☐ Silver recovery unit

Name of  
unit

#### SECTION C—CHEMICAL USAGE AND DISPOSAL

TANK NUMBER	SIZE GALLONS	CHEMICAL NAME*	SCHEDULE FOR EMPTYING TANK (weekly, biweekly monthly)	Check METHOD OF DISPOSAL	
				Drained to Sewer*1	Removed off Premises*2
1.				<input type="checkbox"/>	<input type="checkbox"/>
2.				<input type="checkbox"/>	<input type="checkbox"/>
3.				<input type="checkbox"/>	<input type="checkbox"/>
4.				<input type="checkbox"/>	<input type="checkbox"/>
5.				<input type="checkbox"/>	<input type="checkbox"/>

\* Attach Material Safety Data Sheets (MSDSs) for all chemicals (available from the chemical supplier/manufacturer)

\*1 FOR ALL CHEMICALS DRAINED TO THE SEWER, SPECIFY:

TANK NUMBER	METHOD OF NEUTRALIZATION	METHOD OF TESTING pH

\*2 FOR CHEMICALS REMOVED FROM THE PREMISES, SPECIFY:

Name of company providing disposal\_\_\_\_\_

Address: City\_\_\_\_\_ State\_\_\_\_\_ Zip\_\_\_\_\_ Phone No\_\_\_\_\_

#### SECTION D—CERTIFICATION STATEMENT

"I am familiar with the sanitary sewer discharge regulations (Chapter 67.1 of the Fairfax County Code) and understand that all waste released to the building drainage system must be between the pH of 5.0 to 11.0 and not exceed 1.2 mg/L of silver. All waste will be managed and analyzed as necessary to ensure compliance. I am aware that I am liable for any damage to the sanitary sewer caused by the discharge of prohibited waste. Finally, I certify that all information contained in this questionnaire is true, accurate, and complete to the best of my knowledge."

\_\_\_\_\_  
Signature of Executive Officer (as identified in Section A)

\_\_\_\_\_  
Date

#### CODE REFERENCES

1. International Plumbing Code: §303.1 (Detrimental or dangerous materials), §303.2 (Industrial wastes), and §804.2 (Neutralizing device)

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- required for corrosive wastes).
2. Fairfax County Sanitary Sewer Use Ordinance: § 67.1-1-10 (Damages to Facilities of the County to be reported to Director; liability for payment), § 67.1-2-1 (Prohibited discharge standards), § 67.1-2-4 (Local limits), and § 67.1-3-1 (Pretreatment facilities).

Any questions regarding this questionnaire may be directed to the Industrial Waste Section, telephone number 703-550-9740, ext. 252.

## **INSTRUCTIONS FOR COMPLETING THE FILM DEVELOPING QUESTIONNAIRE**

### WHO MUST COMPLETE THE QUESTIONNAIRE?

The attached questionnaire applies to all businesses developing film, including photo-labs and X-rays in Medical/Dental Offices. Before the Building Plan Review Division, Office of Building Code Services, Department of Public Works and Environmental Services can approve your building permit, this questionnaire must be completed and sent to the Industrial Waste Section of the Department of Public Works and Environmental Services, Wastewater Planning & Monitoring Division for approval. This information is required of all new businesses and established businesses relocating or modifying their film developing process. The completed questionnaire must be reviewed and signed by an executive officer of the business performing film developing.

### WHY IS THIS INFORMATION NECESSARY?

The International Plumbing Code and Chapter 67.1 of the Fairfax County Code (copies of applicable sections are attached) state that corrosive liquids, spent acids, or other harmful chemicals that can attack or corrode a building drain or sanitary sewer, create noxious or toxic fumes, or interfere with the wastewater treatment plant processes shall not be poured into the drain without proper treatment/neutralization.

### WHAT CAN I DO?

Neutralization can be attained by collecting and mixing the developer (a caustic chemical with a pH of 10 to 13) with the fixer (a corrosive chemical with a pH of 1 to 5). Mix chemicals cautiously to prevent fuming, splashing, etc. Sufficient mixing and analysis prior to discharge must be performed to ensure a pH between the limits of 5.0 to 11.0. The pH can simply be tested by the use of pH test strips (such as are used to test the pH of swimming pool water) or the use of a pH meter. Neutralization by dilution is neither adequate nor acceptable. Discharge to the sanitary sewer of industrial waste should not exceed a silver concentration of 1.2 mg/L. Silver reduction can be attained by the installation of a silver recovery unit. As an alternative to pH neutralization and silver recovery, a chemical supplier may remove waste chemicals from the premises.

### WHO WILL ANSWER MY QUESTIONS?

Please direct any questions regarding this questionnaire to the Industrial Waste Section, telephone number 703-550-9740, ext. 252.